

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT EXAMINING OPERATION

Applicants: Ivan Alferiev

Serial No: 10/672,892

Group Art Unit: 1711

Filed: September 26, 2003

Examiner: Not Yet Known

Att. Docket No.: T1118/20076

Confirmation No.: 9557

For: DERIVATIZED POLYURETHANE COMPOSITIONS WHICH EXHIBIT
ENHANCED STABILITY IN BIOLOGICAL SYSTEMS AND METHODS
OF MAKING THE SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. No representation is made that the references are prior art with respect to this application.

This Information Disclosure Statement is being filed within three months of the filing date of a national application other than a CPA under 37 CFR § 1.53(d), within three months of the date of entry of the national stage as set forth in 37 CFR § 1.491 in an international application, before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of an RCE under 37 CFR § 1.114. No certification or fee is required. 37 CFR § 1.97(b).

The Examiner's attention is directed to the co-pending U.S. Patent Application(s) cited on the attached Form(s) PTO-1449. The identification of such U.S. Patent Application(s) is not to be construed as a waiver of secrecy as to such application(s) now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application(s) and the art cited therein during examination of the present application.

Application No. 10/672,892
IDS Dated January 20, 2004

The references other than Baumgartner et al., Phaneuf, M.D. et al., Huang L.L.H. et al. and Lincoff et al. were cited by or submitted to the Office in parent application No. 09/985,316, filed November 2, 2001, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

Respectfully submitted,

CAESAR, RIVISE, BERNSTEIN,
COHEN & POKOTILOW, LTD.

January 20, 2004

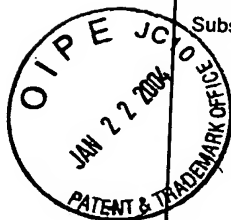
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheet as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/672,892
Filing Date	September 26, 2003
First Named Inventor	Ivan Alferiev
Group Art Unit	1711
Examiner Name	Not Yet Known
Attorney Docket Number	T1118/20076

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
		6,320,011	B1	Levy et al.	11-20-2001
		10/672,893		Alferiev et al.	09-26-2003
		5,855,618		Patnaik et al.	01-05-1999
		5,159,050		Onwumere	10-27-1992
		4,746,654		Breliere et al.	05-24-1988
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			
		WO	95 20008	A	LEVY, Robert J., Page 30, line 4-page 31, line 5, figure 9	07-27-1995	

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		PHANEUF, M.D. et al., "Covalent Linkage of Recombinant Hirudin to a Novel Ionic Poly (Carbonate) Urethane Polymer with Protein Binding Sites: Determination of Surface Antithrombin Activity", Artif. Organs 1998; 22:657-65	
		HUANG L.L.H. et al., "Comparison of Epoxides on Grafting Collagen to Polyurethane and Their Effects on Cellular Growth", J. Biomed. Mater. Res. 1998; 39:630-6	
		LINCOFF et al., J.Am. Coll. Cardiol., 29, 808.16 (1997)	
		ADIBI et al., 1979, Polymer 20:483-487	
		MIKROYANNIDIS, 1984, J. Polymer Sci., Polymer Chem. Ed. 22:891-903	
		BAUMGARTNER et al., 1996, ASAIO J. 42:M476-M479	
		GRASEL et al., 1987, J. Biomed. Mat. Res. 21:815-842	
		SIVRIEV H et al., "Phosphorus-Containing Polyurethanes, Prepared by N-Modification", European Polymer Journal, 1990, pgs. 73-76, Vol. 26, No. 1, Pergamon Press Ltd., Oxford, GB	
		JOSHI, R. et al., "Calcification of Polyurethanes Implanted Subdermally in Rats is Enhanced by Calciphylaxis", Journal of Biomedical Materials Research, Vol. 31, Pgs. 201-207, John Wiley & Sons, 1996	

EXAMINER

DATE CONSIDERED

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.